

Nantucket Electric

A **National Grid** Company



Amy G. Rabinowitz
Counsel

December 21, 2001

Mary L. Cottrell, Secretary
Department of Telecommunications and Energy
One South Station, 2nd Floor
Boston, MA 02110

Re: DTE 01-7: Nantucket Electric Company: 2002 Cable Facilities Surcharge

Dear Secretary Cottrell:

Enclosed please find Nantucket Electric Company's responses to the Department's record requests in the above captioned proceeding.

Thank you for your time and attention to this matter.

Very truly yours,

Amy G. Rabinowitz/TMB

Amy G. Rabinowitz
Attorney for
Nantucket Electric Company

cc: Paul Afonso, Department of Telecommunications and Energy
Joseph Rogers, Office of the Attorney General
Jane Walton

25 Research Drive
Westborough, MA 01582-0099
508.389.2975 Fax: 508.389.3518
amy.rabinowitz@us.ngrid.com

RR-DTE-1

Request:

Please provide the seasonal Cable Facilities Surcharge rates as a percentage of the Rate R-1 winter rate for each year from 1997 through 2002.

Response:

Please refer to the attachment to this response.

Prepared by or under the supervision of: Theresa M. Burns

NANTUCKET ELECTRIC COMPANY
Response to Record Request RR-DTE-1

Section 1: CFS Seasonal Rates

			<u>R-1</u>	<u>R-2</u>	<u>R-4</u>	<u>E</u>	<u>G-1</u>	<u>G-2</u>	<u>G-3</u>	<u>Strlts</u>
(1)	2002	Summer	\$0.02462	\$0.02205	\$0.00000	\$0.02468	\$0.02599	\$0.03358	\$0.02376	\$0.00557
		Winter	\$0.01513	\$0.01457	\$0.00000	\$0.00848	\$0.02406	\$0.02901	\$0.02037	\$0.00557
(2)	2001	Summer	\$0.02578	\$0.02311	\$0.00000	\$0.02680	\$0.02720	\$0.03514	\$0.02486	\$0.00583
		Winter	\$0.01582	\$0.01524	\$0.00000	\$0.00886	\$0.02517	\$0.03038	\$0.02132	\$0.00583
(3)	2000	Summer	\$0.02845	\$0.02422	\$0.00000	\$0.02901	\$0.02999	\$0.03874	\$0.02741	\$0.00643
		Winter	\$0.01744	\$0.01680	\$0.00000	\$0.00972	\$0.02773	\$0.03345	\$0.02062	\$0.00643
(4)	1999	Summer	\$0.03489	\$0.02981	\$0.00000	\$0.03674	\$0.03687	\$0.04764	\$0.03371	\$0.00791
		Winter	\$0.02134	\$0.02070	\$0.00000	\$0.01200	\$0.03412	\$0.04115	\$0.02534	\$0.00791
(5)	1998	Summer	\$0.02447	\$0.02111	\$0.00000	\$0.02711	\$0.02583	\$0.03337	\$0.02327	\$0.00554
		Winter	\$0.01490	\$0.01447	\$0.00000	\$0.00841	\$0.02394	\$0.02881	\$0.01774	\$0.00554
(6)	1997	Summer	\$0.04661	\$0.03985	\$0.00000	\$0.05174	\$0.04912	\$0.06349	\$0.04460	\$0.01054
		Winter	\$0.02834	\$0.02750	\$0.00000	\$0.01596	\$0.04550	\$0.05473	\$0.03371	\$0.01054

- (1) Exhibit TMB-1, page 1 of 4, Docket D.T.E. No. 01-7
- (2) Exhibit TMB-1, page 1 of 4, Docket D.T.E. No. 00-7
- (3) Exhibit TMB-1, page 1 of 4, Docket D.T.E. No. 99-7
- (4) Exhibit TMB-1, page 1 of 4, Docket D.T.E. No. 98-7
- (5) Exhibit TMB-1, page 1 of 3, Docket D.P.U. No. 95-67
- (6) Exhibit PTZ-5, page 1 of 1, Docket D.P.U. No. 95-67

Section 2: Ratio of Seasonal CFS Rates to R-1 Winter CFS Rate

			<u>R-1</u>	<u>R-2</u>	<u>R-4</u>	<u>E</u>	<u>G-1</u>	<u>G-2</u>	<u>G-3</u>	<u>Strlts</u>
(1)	2002	Summer	162.72%	145.74%	0.00%	163.12%	171.78%	221.94%	157.04%	36.81%
		Winter	100.00%	96.30%	0.00%	56.05%	159.02%	191.74%	134.63%	36.81%
(2)	2001	Summer	162.96%	146.08%	0.00%	169.41%	171.93%	222.12%	157.14%	36.85%
		Winter	100.00%	96.33%	0.00%	56.01%	159.10%	192.04%	134.77%	36.85%
(3)	2000	Summer	163.13%	138.88%	0.00%	166.34%	171.96%	222.13%	157.17%	36.87%
		Winter	100.00%	96.33%	0.00%	55.73%	159.00%	191.80%	118.23%	36.87%
(4)	1999	Summer	163.50%	139.69%	0.00%	172.16%	172.77%	223.24%	157.97%	37.07%
		Winter	100.00%	97.00%	0.00%	56.23%	159.89%	192.83%	118.74%	37.07%
(5)	1998	Summer	164.23%	141.68%	0.00%	181.95%	173.36%	223.96%	156.17%	37.18%
		Winter	100.00%	97.11%	0.00%	56.44%	160.67%	193.36%	119.06%	37.18%
(6)	1997	Summer	164.47%	140.61%	0.00%	182.57%	173.32%	224.03%	157.37%	37.19%
		Winter	100.00%	97.04%	0.00%	56.32%	160.55%	193.12%	118.95%	37.19%

Note:

Percentages in Section 2, lines 1 through 6 are calculated by dividing the corresponding rate from the table in Section 1 by the Rate R-1 winter rate in each year.

RR-DTE-2

Request:

Please provide a calculation of seasonal 2002 Cable Facilities Surcharge rates, by class, assuming the same rate ratios as calculated from the 1997 seasonal CFS rates.

Response:

Please refer to the attachment to this response.

Prepared by or under the supervision of: Theresa M. Burns

NANTUCKET ELECTRIC COMPANY
Response to Record Request RR-DTE-2

Rate Class		1997 CFS	Ratio to	kWh Sales by	Weighted	Imputed 2002 CFS Rates Based on 1997 Rate Ratios to	2002 CFS
(a)		Rate	R-1 Winter	Season From	kWh	R-1 Winter	Rates as
		(b)	Rate	TMB-1	(e)	(f)	Filed
			(c)	(d)			(g)
1	R-1						
2	Summer	\$0.04661	164.47%	27,865,726	45,829,975	\$0.02484	\$0.02462
3	Winter	\$0.02834	100.00%	49,891,532	49,891,532	\$0.01510	\$0.01513
4							
5	R-2						
6	Summer	\$0.03985	140.61%	183,276	257,712	\$0.02124	\$0.02205
7	Winter	\$0.02750	97.04%	369,333	358,386	\$0.01465	\$0.01457
8							
9	E						
10	Summer	\$0.05174	182.57%	48,592	88,714	\$0.02757	\$0.02468
11	Winter	\$0.01596	56.32%	460,246	259,193	\$0.00851	\$0.00848
12							
13	G-1						
14	Summer	\$0.04912	173.32%	9,429,542	16,343,652	\$0.02618	\$0.02599
15	Winter	\$0.04550	160.55%	12,999,005	20,869,962	\$0.02425	\$0.02406
16							
17	G-2						
18	Summer	\$0.06349	224.03%	5,108,807	11,445,242	\$0.03383	\$0.03358
19	Winter	\$0.05473	193.12%	7,630,547	14,736,056	\$0.02917	\$0.02901
20							
21	G-3						
22	Summer	\$0.04460	157.37%	2,540,280	3,997,759	\$0.02377	\$0.02376
23	Winter	\$0.03371	118.95%	4,637,956	5,516,778	\$0.01796	\$0.02037
24							
25	Streetlights						
26	Summer	\$0.01054	37.19%	75,087	27,926	\$0.00562	\$0.00557
27	Winter	\$0.01054	37.19%	<u>198,609</u>	<u>73,865</u>	\$0.00562	\$0.00557
28							
29				121,438,538	169,696,752		
30							
31	Total Cable Cost of Service (from TMB-1, Line(4))				<u>\$2,562,810</u>		
32							
33	Imputed R-1 Winter rate				\$0.01510		

Column Notes

- (b) From Exhibit PTZ-5 of the 1997 Cable Facilities Surcharge filing dated November 25, 1996
- (c) Column (b) ÷ Column (b) R-1 Winter rate
- (d) kWh Sales by Season used to develop the 2002 CFS rates per Exhibit TMB-1
- (e) Column (c) x Column (d)
- (f) Imputed R-1 Winter rate Column (e), Line 27, x Column (c)
- (g) 2002 CFS rates as filed per Exhibit TMB-1